

PCT/EP 03/06114

A. CLA	SSIFICATION OF S	SUBJECT MATTI	ER ,
IPC	7 B01J35/		1J23/74

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7-B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## EPO-Internal

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Ρ,Χ	WO 03 013725 A (MESTERS CAROLUS MATTHIAS ANNA; VAN HASSELT BASTIAAN WILLEM (NL); S) 20 February 2003 (2003-02-20) page 8, line 18 - line 24 page 1, line 1 - line 12 page 7, line 4 - line 30 figure 1; examples claims 1,14	1-6, 8-10,12, 13
X	EP 0 428 223 A (SHELL INT RESEARCH) 22 May 1991 (1991-05-22) page 6, line 40 -page 7, line 8 examples 4,10 claims 16,17	1,3-5, 9-13

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.		
Special categories of cited documents :	"T" later document published after the international filing date		
*A* document defining the general state of the art which is not considered to be of particular relevance	or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention		
*E* earlier document but published on or after the international filling date	<ul> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to</li> </ul>		
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another	involve an inventive step when the document is taken alone		
citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu- ments, such combination being obvious to a person skilled		
*O* document referring to an oral disclosure, use, exhibition or other means			
'P' document published prior to the international filing date but later than the priority date claimed	in the art.  *8* document member of the same patent family		
Date of the actual completion of the international search	Date of malling of the international search report		
11 September 2003	19/09/2003		
Name and mailing address of the ISA	Authorized officer		
European Palent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nt, Fax: (+31-70) 340-3016	Holzwarth, A		



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C.(Continua Category *	Ottation) DOCUMENTS CONSIDERED TO BE RELEVANT  Citation of document, with indication, where appropriate, of the relevant passages	· · · · · · · · · · · · · · · · · · ·	Relevant to claim No.
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X	US 4 673 664 A (BAMBRICK WILLIAM E) 16 June 1987 (1987-06-16) figures 1-3; examples 1,2 claims column 5, line 11 - line 27		1-4,6,9,
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